

Title (en)  
Biosensor and method for quantitating biochemical substrate using the same

Title (de)  
Biosensor und Verfahren zur quantitativen Analyse von biochemischen Substraten

Title (fr)  
Biocapteur et procédé pour la mesure quantitative de substrats biochimiques

Publication  
**EP 0795748 B1 20020814 (EN)**

Application  
**EP 97103966 A 19970310**

Priority  
JP 5459496 A 19960312

Abstract (en)  
[origin: EP0795748A1] A biosensor includes: an insulating substrate; an electrode system formed on the insulating substrate which has a working electrode and a counter electrode; and a reaction layer formed on the insulating substrate which contains an oxidoreductase and an electron acceptor. The electron acceptor is ferricinium ion derived from ferrocene electrolyte.

IPC 1-7  
**G01N 27/327; C12Q 1/00**

IPC 8 full level  
**C12Q 1/00** (2006.01)

CPC (source: EP US)  
**C12Q 1/004** (2013.01 - EP US); **Y10S 435/817** (2013.01 - EP US)

Cited by  
CN101918584A; EP0877244A1; EP3156790A1; US9820684B2; WO2008152380A3; US9795334B2; US9907502B2; US9724021B2; US9839386B2; USRE44521E; USRE45384E; US9795747B2; US9802007B2; US8137529B2; US8388827B2; US8702961B2; US9377430B2; US9694144B2; US9937298B2; US10034628B2; EP1074832B2

Designated contracting state (EPC)  
DE FR GB

DOCDB simple family (publication)  
**EP 0795748 A1 19970917; EP 0795748 B1 20020814**; CA 2199657 A1 19970912; CA 2199657 C 20001003; DE 69714630 D1 20020919; DE 69714630 T2 20030807; US 2001052472 A1 20011220; US 5922188 A 19990713; US 6547954 B2 20030415

DOCDB simple family (application)  
**EP 97103966 A 19970310**; CA 2199657 A 19970311; DE 69714630 T 19970310; US 23232099 A 19990118; US 81260297 A 19970307